

AMENDMENTS TO THE CLAIMS

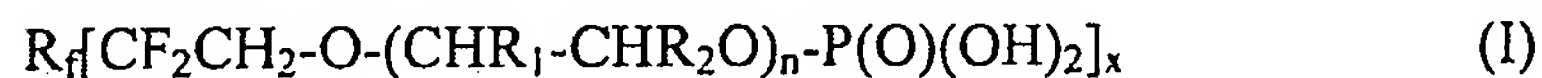
This listing of claims will replace all prior versions, and listings, of claims in the application:

1-15 (Cancelled).

16. (Currently Amended) A cosmetic and/or dermatological composition for topical use comprising, as active substances, polyphenols in association with a suitable carrier, wherein said composition contains, ~~as stabilizing agent~~, an effective amount of at least one perfluoropolyether phosphate which is effective for stabilizing said polyphenols against oxidative degradation.

17. (Previously Presented) A cosmetic and/or dermatological composition according to claim 16, wherein said stabilizing agent is a perfluoropolyether diphosphate according to formula

(I)



wherein

X = 1 or 2;

R₁ and R₂ are independently selected between H and CH₃;

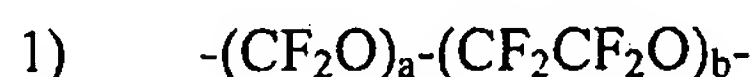
n is an integer between 1 and 50;

R_f is a perfluoropolyether chain with a number average molecular weight between 400 and 1800, comprising repeating units selected from the following:

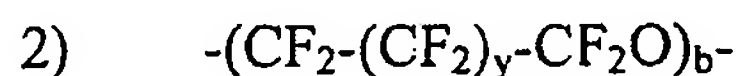
- a) $-(C_3F_6O)-$
- b) $-(CF_2CF_2O)-$
- c) $-(CFL_0O)-$, wherein $L_0 = F, -CF_3$;
- d) $-CF_2(CF_2)_yCF_2O-$, wherein $y = 1$ or 2 ;
- e) $-CH_2CF_2CF_2O-$,

and wherein, when $x = 1$, an end group is a pefluoroalkyl selected from CF_3O , $\text{C}_2\text{F}_5\text{O}$, $\text{C}_3\text{F}_7\text{O}$.

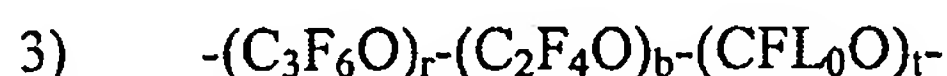
18. (Currently Amended) A composition according to claim 17, wherein R_f has one of the following structures:



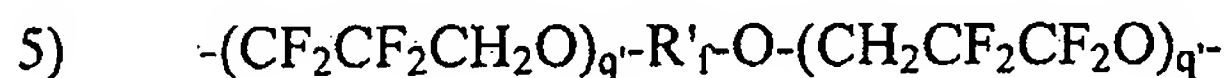
wherein b/a lies between 0.3 and 10 and a is an integer different from 0;



wherein $y = 1$ or 2 ;



wherein $r/b = 0.5-2.0$, $(r+b)/t = 10-30$, b and t are integers different from 0;



wherein R'_f is a fluoroalkylene group with 1-4 carbon atoms;

L_0 is chosen between F and CF_3 ;



wherein in the above formulas:

$-(\text{C}_3\text{F}_6\text{O})-$ represents units of formula:

$-(\text{CF}(\text{CF}_3)\text{CF}_2\text{O})-$ and/or $-(\text{CF}_2-\text{CF}(\text{CF}_3)\text{O})-$

a , b , b' , q' , r , t are integers, whose sum is such that R_f has values of number average molecular weight M_n ~~lying of~~ between about 400 and about 1800, ~~preferably between 500 and 1300.~~

19. (Currently Amended) A composition according to claim ~~16~~ 18, wherein the perfluoropolyether phosphates are perfluoropolyether diphosphates of formula (II):



wherein $n = 1$ or 2 , $b/a = 0.5-3.0$ and a , b and r have the meanings reported in claim 18.

20. (Currently Amended) A composition according to claim 16, wherein said at least one perfluoropolyether diphosphate is contained in an amount ~~included~~ of between 0.1 and 5.0% by weight of total composition weight.

21. (Currently Amended) A composition according to claim 20, wherein said at least one perfluoropolyether diphosphate is contained in an amount ~~included~~ of between 0.2 and 1.0% by weight of total composition weight.

22. (Currently Amended) A composition according to claim 19, wherein said at least one perfluoropolyether diphosphate is contained in an amount ~~included~~ of between 0.1 and 5.0% by weight of total composition weight.

23. (Currently Amended) A composition according to claim 20, wherein the polyphenol content is ~~included~~ in an amount of between 0.1% and 5% by weight of total composition weight.

24. (Currently Amended) A composition according to claim 22, wherein the polyphenol content is ~~included~~ in an amount of between 0.1% and 5% by weight of total composition weight.

25. (Previously Presented) A composition according to claim 16, further including vitamin E.

26. (Previously Presented) A composition according to claim 22, further including vitamin E.

27. (Previously Presented) A composition according to claim 24, further including vitamin E.

28. (Currently Amended) A composition according to claim 25, wherein said vitamin E is contained in an amount of between 0.5 and 10% by weight of total composition weight.

29. (Currently Amended) A composition according to claim 26, wherein said vitamin E is contained in an amount of between 0.5 and 10% by weight of total composition weight.

30. (Currently Amended) A composition according to claim 27, wherein said vitamin E is contained in an amount of between 0.5 and 10% by weight of total composition weight.

31. (Previously Presented) A composition according to claim 16, further including ascorbic acid.

32. (Previously Presented) A composition according to claim 25, further including ascorbic acid.

33. (Currently Amended) A composition according to claim 31, wherein the ascorbic acid is contained in an amount of between 0.1 and 10% by weight of total composition weight.

34. (Currently Amended) A composition according to claim 32, wherein the ascorbic acid is contained in an amount of between 0.1 and 10% by weight of total composition weight.

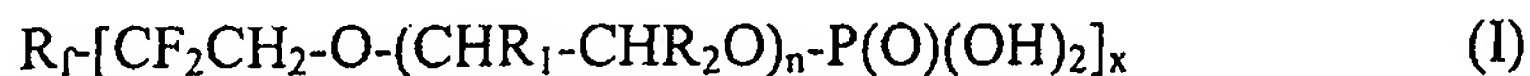
35. (Previously Presented) A composition according to claim 16, further including at least one compound selected from the group consisting of vitamin A, carotenes, carotenoids, lutein, lycopene and xanthophylls.

36. (Previously Presented) A composition according to claim 25, further including at least one compound selected from the group consisting of vitamin A, carotenes, carotenoids, lutein, lycopene and xanthophylls.

37. (Previously Presented) A composition according to claim 32, further including at least one compound selected from the group consisting of vitamin A, carotenes, carotenoids, lutein, lycopene and xanthophylls.

38. (Previously Presented) A composition according to claim 16, which is in the form of a cream.

39. (Withdrawn) A method of stabilizing cosmetic and/or dermatological compositions for topical use, comprising the step of adding to said compositions a perfluoropolyether diphosphate according to formula (I)



wherein

$x = 1$ or 2 ;

R_1 and R_2 are independently selected between H and CH_3 ;

n is an integer between 1 and 50, preferably 1-6;

R_f is a perfluoropolyether chain with a number average molecular weight between 400 and 1800, preferably 500-1300, comprising repeating units selected from the following:

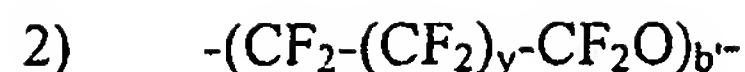
- a) $-(C_3F_6O)-$
- b) $-(CF_2CF_2O)-$
- c) $-(CFL_0O)-$, wherein $L_0 = -F, -CF_3$;
- a) $-CF_2(CF_2)_yCF_2O-$, wherein $y = 1$ or 2 ;
- b) $-CH_2CF_2CF_2O-$,

and wherein, when $x = 1$, an end group is a perfluoroalkyl selected from CF_3O , C_2F_5O , C_3F_7O .

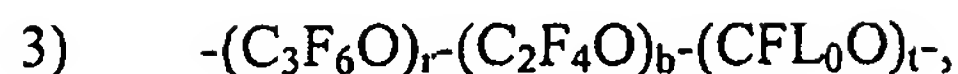
40. (Withdrawn) A method according to claim 39, wherein R_f has one of the following structures:

- 1) $-(CF_2O)_a-(CF_2CF_2O)_b-$

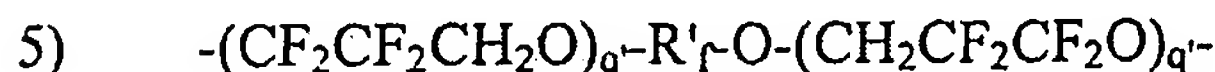
wherein b/a lies between 0.3 and 10 and a is an integer different from 0;



wherein $y = 1$ or 2 ;



wherein $r/b = 0.5-2.0$, $(r+b)/t = 10-30$, b and t are integers different from 0 ;



wherein R'_f is a fluoroalkylene group with 1-4 carbon atoms;

L_0 is chosen between F and CF_3 ;



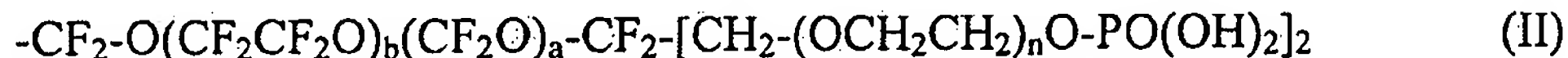
wherein in the above formulas:

$-(\text{C}_3\text{F}_6\text{O})-$ represents units of formula:

$-(\text{CF}(\text{CF}_3)\text{CF}_2\text{O})-$ and/or $-(\text{CF}_2-\text{CF}(\text{CF}_3)\text{O})-$

a , b , b' , q , r , t are integers, whose sum is such that R_f has values of number average molecular weight M_n lying between about 400 and about 1800, preferably between 500 and 1300.

41. (Withdrawn) A method according to claim 39, wherein the perfluoropolyether phosphates are perfluoropolyether diphosphates of formula (II):



wherein $n = 1$ or 2 , $b/a = 0.5-3.0$ and a , b and r have the meanings reported in claim 25.

42. (New). A method according to claim 18, wherein R_f has values of number average molecular weight M_n of between about 500 and about 1300.